

AMENDMENTS TO THE SPECIFICATION

Please replace the title with the following new title:

Electroporation Apparatus ~~Electroporator~~ Having An Elongated Hollow Member

Please replace the paragraph of page 10, lines 12 to 22 with the following:

In the electroporation apparatus, electroporation system or electroporating method according to the present invention, an electrode may be made of any conductive material, and it is preferred that a platinum electrode, a gold electrode, a silver electrode, a copper electrode or plastic plated with the aforementioned metals is used. Furthermore, the pressure maintaining means may be a pump, a syringe or a pipette. The hollow specimen-stuffing member is preferred to be a capillary, a tubing or a channel. In case of a channel, it is preferred to be a micro channel. Particularly, the specimen-stuffing member should have a ratio (R , cm^{-1}) of a longitudinal length (L , cm) to horizontal cross-sectional area (A , cm^2) of the specimen-stuffing member in the range of 50 to 10,000 ~~1/50 to 1/10,000~~.